

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 3:54 AM

**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 378 Const Calendar Day: 94 Date: 06-Sep-2012 Thursday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 06:45 AM 05:45 PM Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

**04-0120F4  
04-SF-80-13.2/13.9  
Self-Anchored  
Suspension Bridge****Weather**

Temperature	7 AM	12 PM	4 PM
Precipitation			Condition

Working Day ☒ If no, explain:**Diary:**

Dispute

**Phase 1 Load Transfer**

Overview of Cable work today:

The following work was ongoing today on the Cable:

- Phase-1 load transfer (LT) step 1e was completed (started yesterday)
- Phase-1 load transfer (LT) step 1f was completed
- Jacking of the jacking saddle was done
- Re-tensioning &/or measuring of cable band bolts. See the diaries of Alex Schmitt, Tai-Lin Liu, Rob Feather, & Matt Bruce.

I was inspecting Gary Anderson's crew on phase-1 suspender jacking on the South cable. See the diaries of Sami Daouk & Laraine Woo since they were also inspecting the suspender jacking on the South cable. See the diary of others for the suspender jacking on the North cable, jacking of the jacking saddle, & cable band bolt tensioning.

- I arrived at the pier 7 office at 06:45, & was on the bridge at 07:00.
- From 07:00 until 10:50, Gary's crew was jacking on the step 1e suspenders on the South cable. The suspender jacking of PP94 of step 1e was done yesterday, & the other 7 PPs in step 1e were done today.
- From 10:50 until 14:15, Gary's crew was jacking on the step 1e suspenders on the South cable.
- From 13:00 until 13:45, I attended a Cable group staff meeting. We needed to reassign staff to different areas of responsibilities since management wanted some extra work on measuring cable band bolts. Starting tomorrow, I will be tasked with helping the extensometer team to measure the cable band bolt elongations. During the time I was in this meeting, the suspender jacking on the South cable was being watched by Roberto Borja, Mohinder Chahal, & Carla Moreno.
- From 14:15 until 15:00, Gary's crew did a lift-off to check the load on the swing-out bracket on the South cable. The pressure was 9300 psi. This was getting close to the do-not-exceed pressure of 9800 psi, so they let off the load on the swing-out rods about 75mm, & the pressure dropped to about 8400 psi.
- Note: Each time Gary's crew was jacking on any suspenders, I observed the pressure gauge to ensure that they stayed within the do-not-exceed (DNE) pressure. The maximum suspender jacking pressure that I observed today was 4200 psi (at PP94), which was well within the DNE of 9069 psi.
- Note: After the suspender jacking at each panel point, we measured the remaining jacking length (RJL) to make sure they were in accordance with the LT plan submittal. Each of the RJL measurements matched the theoretical numbers in the LT plan submittal.
- At 15:10, Gary's crew wrapped up their tools to end their shift.
- At 15:30, I left the bridge.
- From 15:45 until 16:30, I met with Alex Schmitt, Matt Bruce, & John Lyons to develop a plan for performing extensometer measurements on the cable band bolts.
- From 16:30 until 17:15, I compiled the recorded data (jacking pressure & RJL measurements), & left



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Job Name: 04-0120F4

Inspector Name Wright, Doug

Diary #: 378

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them in the drop box for office personnel to input into a master tracking spreadsheet.  
- From 17:15 until 17:45, I wrote my diary for the day & checked email.  
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04-0120F4 Bid Item: 067 C-SUS-BGS.067 Attach BG Lifts to Suspenders

AMERICAN BRIDGE/FLUOR, A JV

### Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
<b>Contractor:</b> AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	JNM	HAYES BATISTE	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Operator	APP	SCOTT ROSS	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	GEN	GARY ANDERSON	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	STANLEY DALIE	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	Jose ALFARO	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	RENE ESQUIVEL	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	APP	ETHAN KENT	8.00	0.00	0.00	8.00		<input type="checkbox"/>